



Figure 3

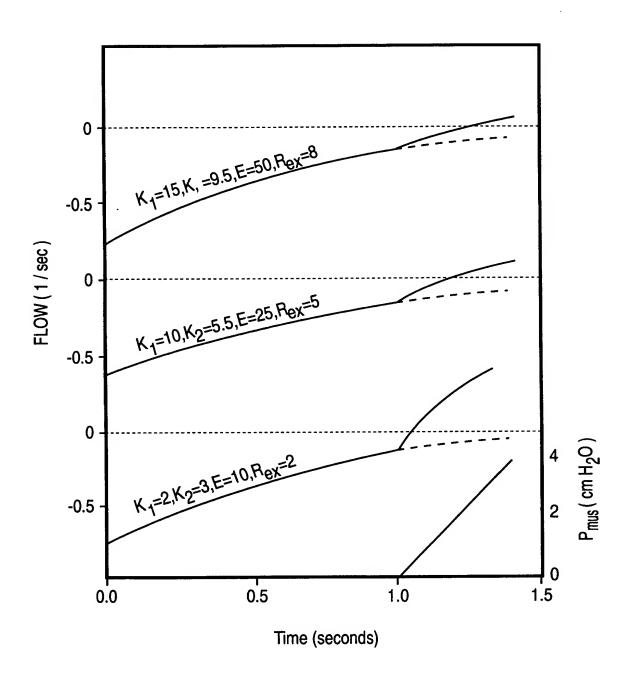
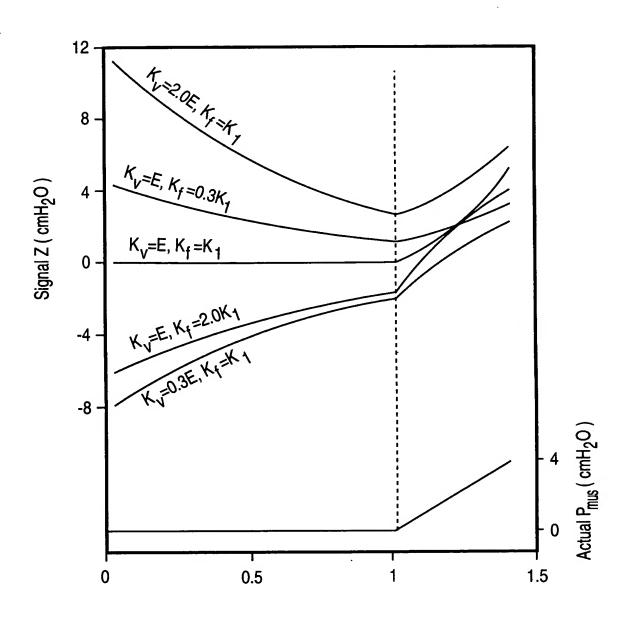
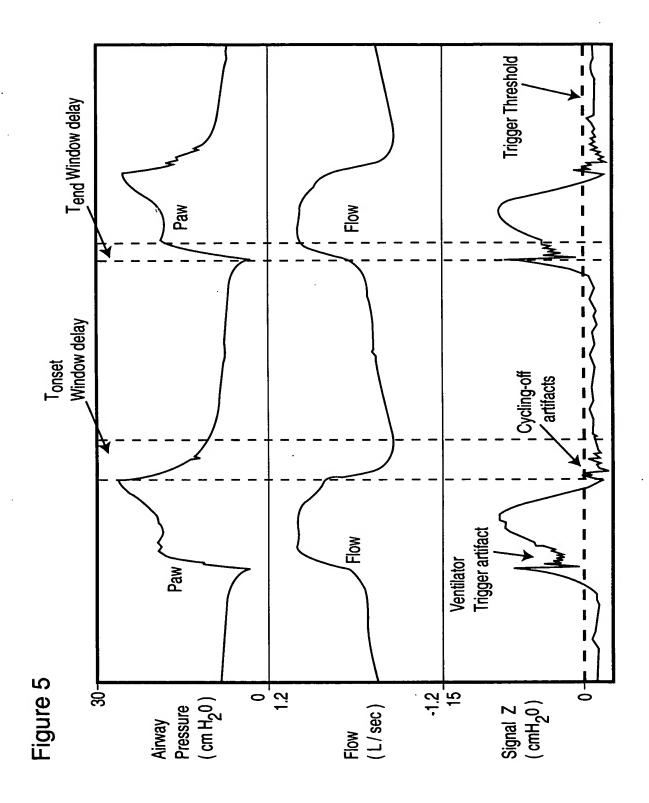




Figure 4







√ ←^T trigger 0.08 sec / div T trigger → Signal Z Diaphragm electrical activity Flow Volume Air Pressure

Figure 6



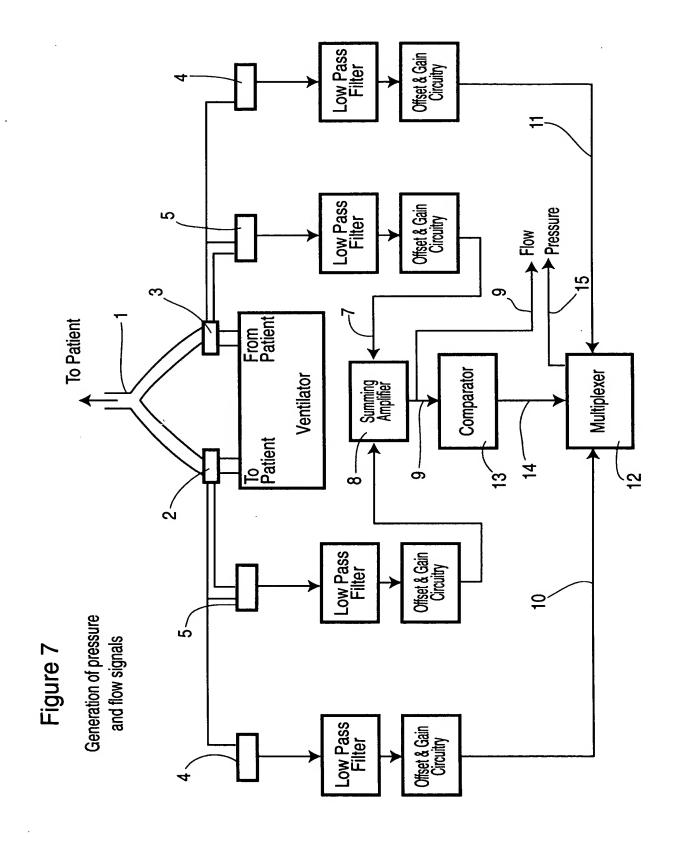




Figure 8A

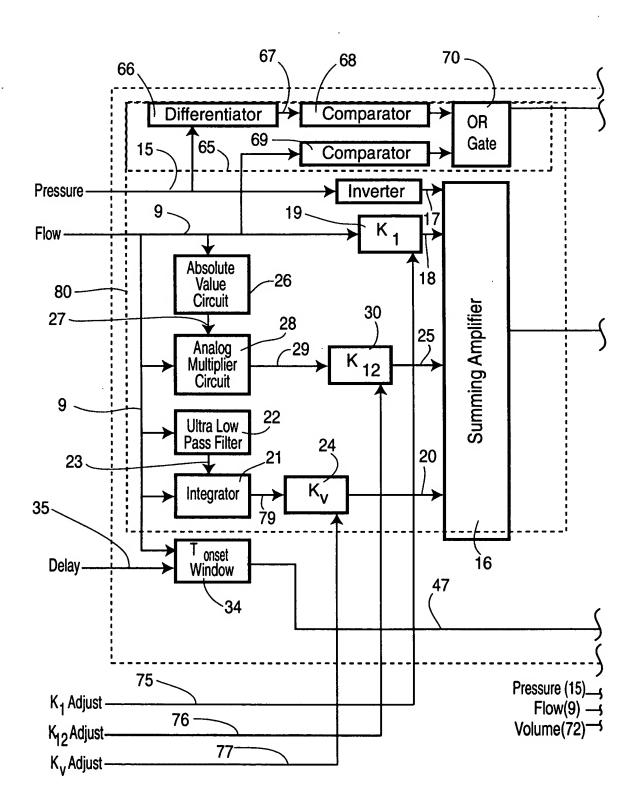
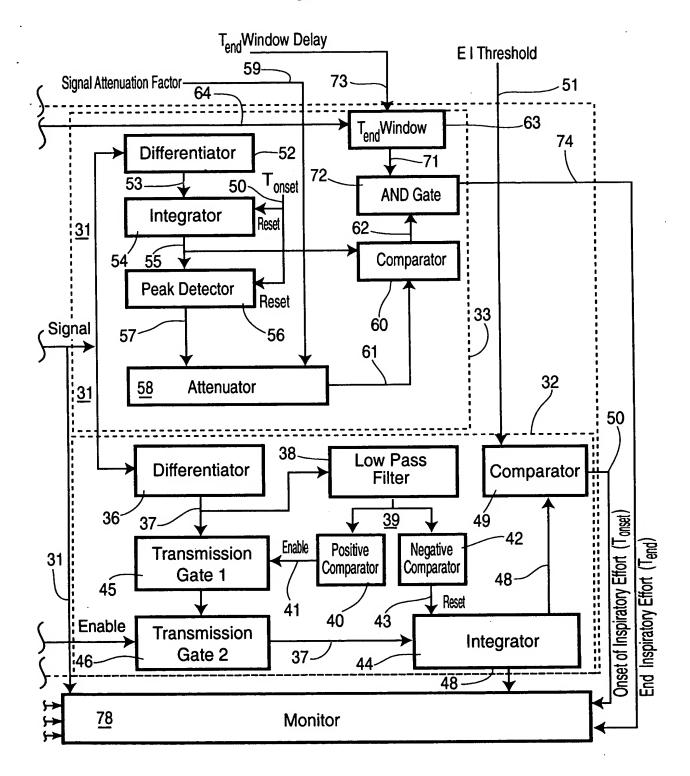




Figure 8B





Timed IRO Process (114) Main Program Loop (115) **Iculate** entilator Ventilator Rate Calculate Function (84) Startup Routine (113) Monitor/Display/printer/output ports Target Flow For End Of Cycle (90) ower ON Digital Implementation of Output Functions Program Memory dditional Efforts Desirable T₁ Calculate Function (87) fective Effort Calculate Function (85) unction (82) Central Processing Unit Non Real Time Functions Real Time Functions ycling off Jelay Calculate Function (81) Trigger Delay Calculate Function (80) Calculate Patient Rate Function (83) Access Memory Random Desired T₁ /T₁₀₁ Ratio (89)-Analog / Digital Converter Toff (34) + Tonset (50) + Tend (74) + Trigger (64) + Trigger (64) + Tonset (64) + Tons Mode (88)-<u>ද</u> Fow -

Figure 9



Figure 10

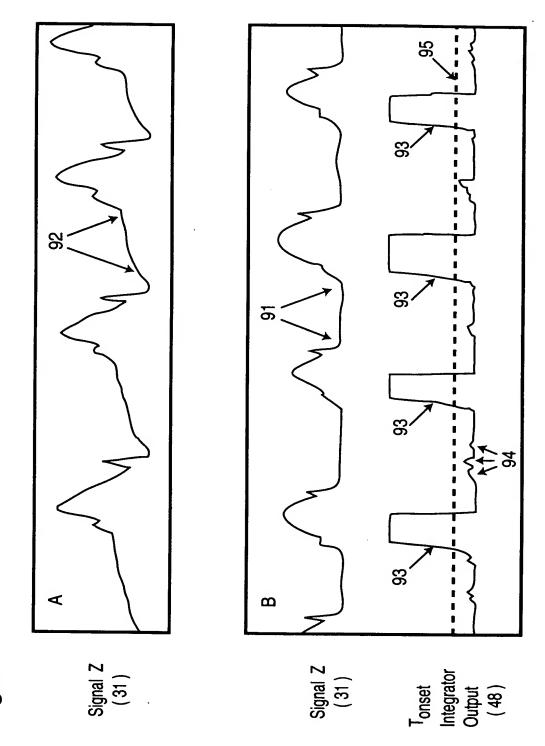




Figure 11B

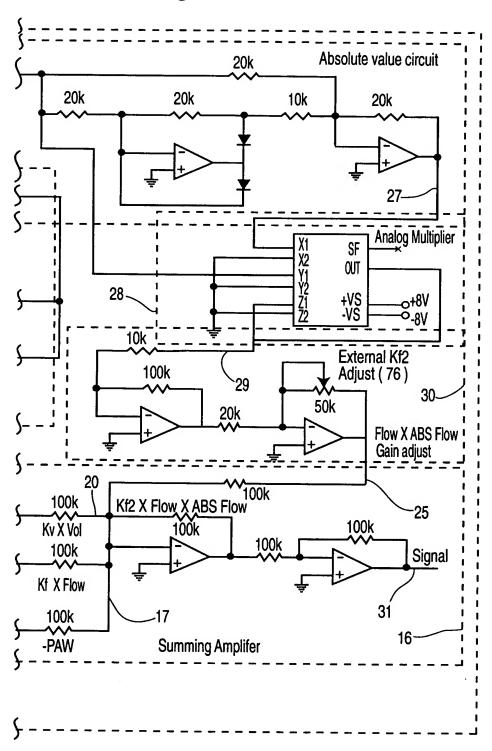




Figure 11A

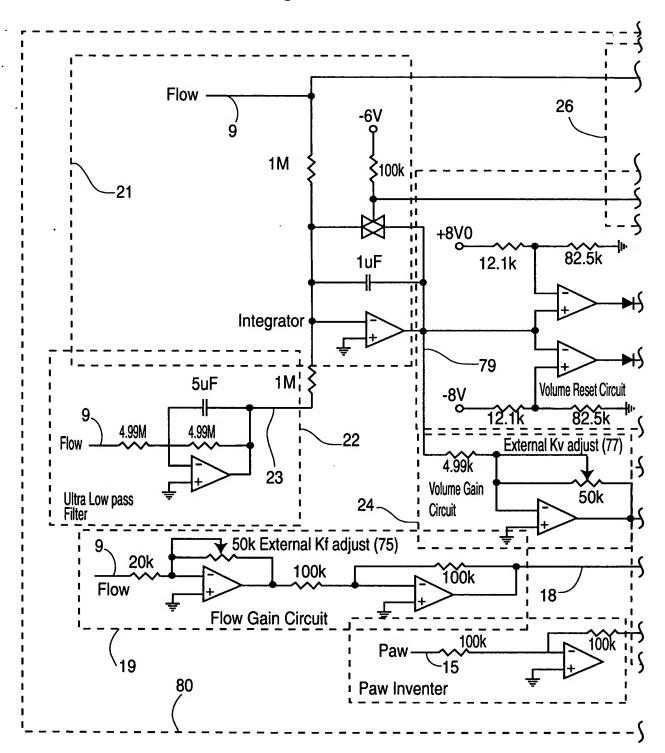
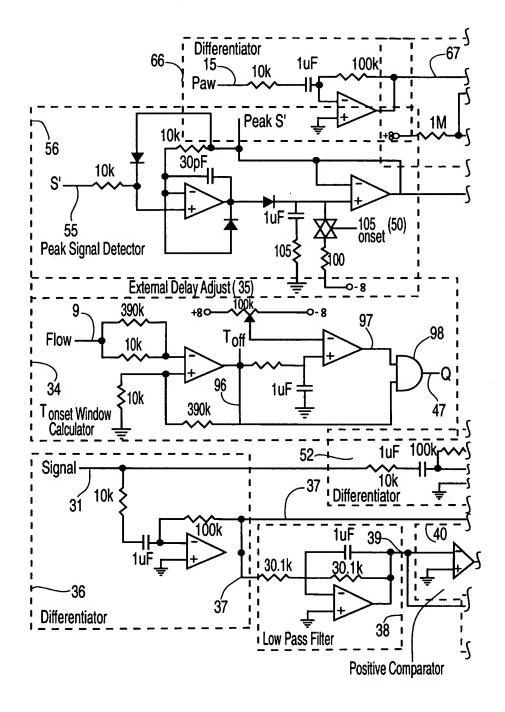




Figure 12 A





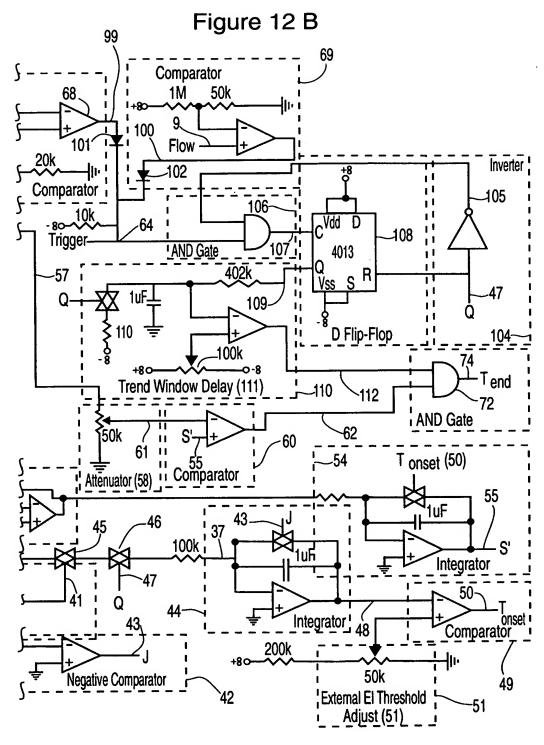
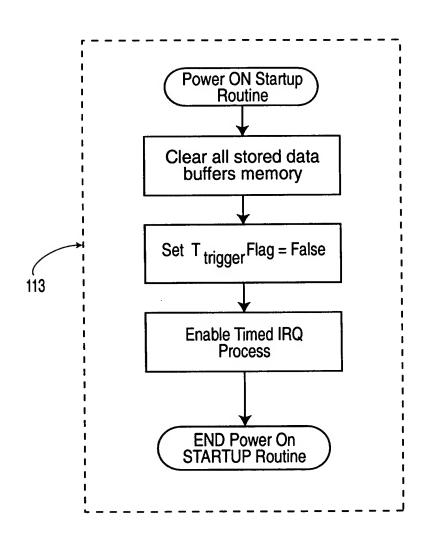
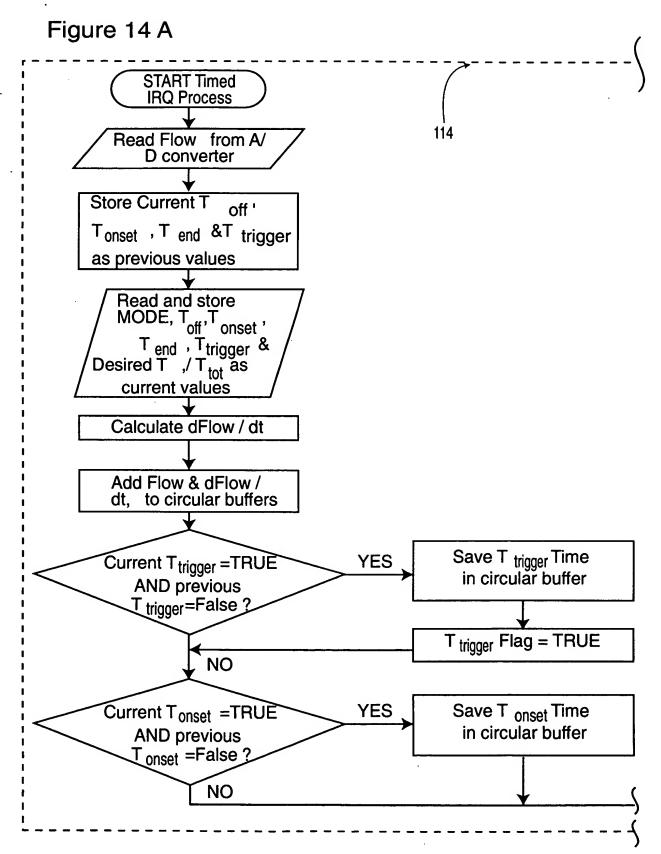




Figure 13







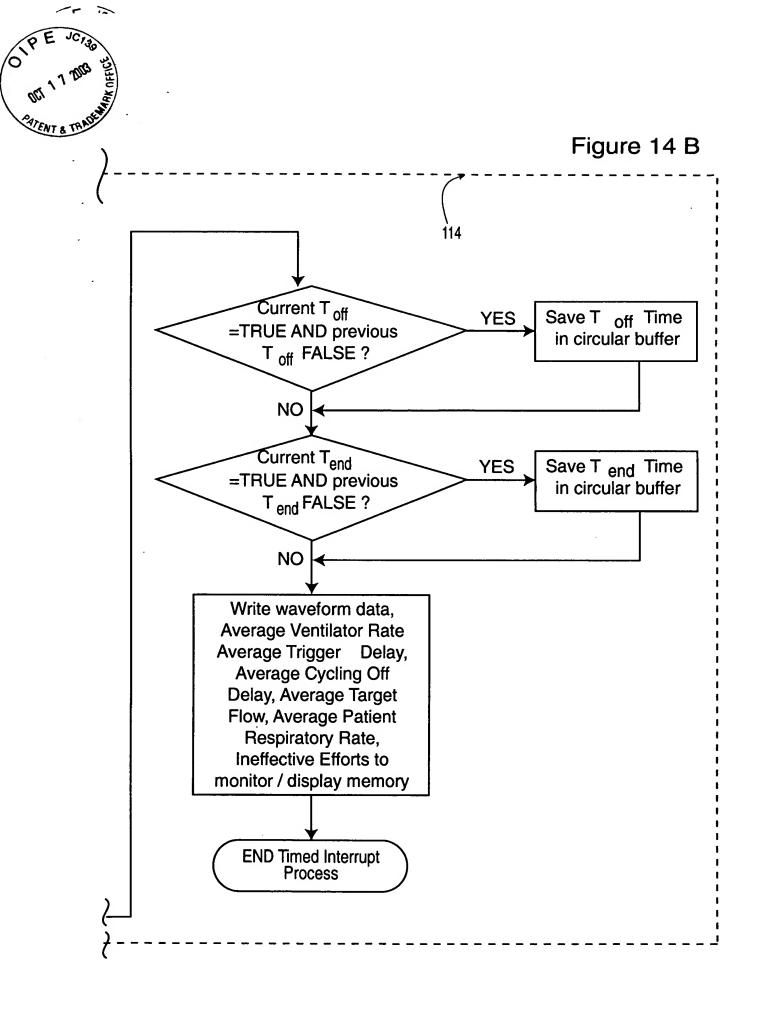
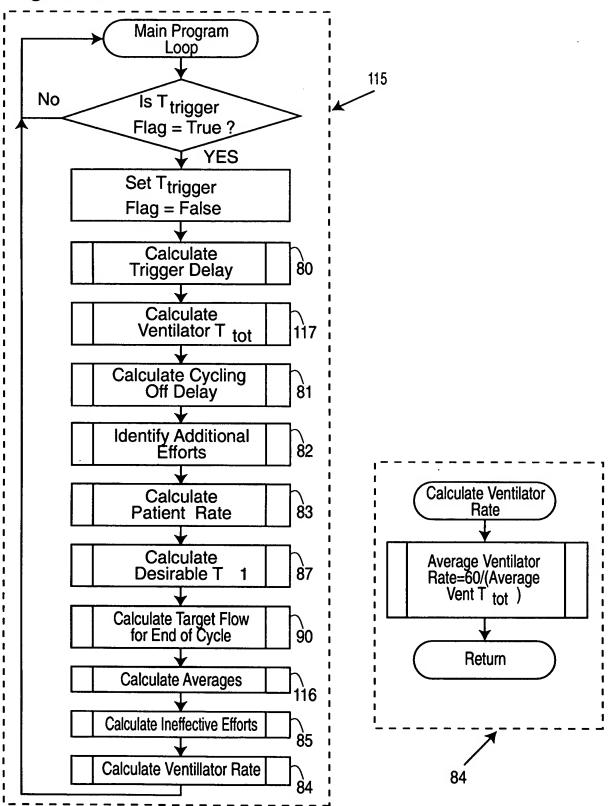




Figure 15 A





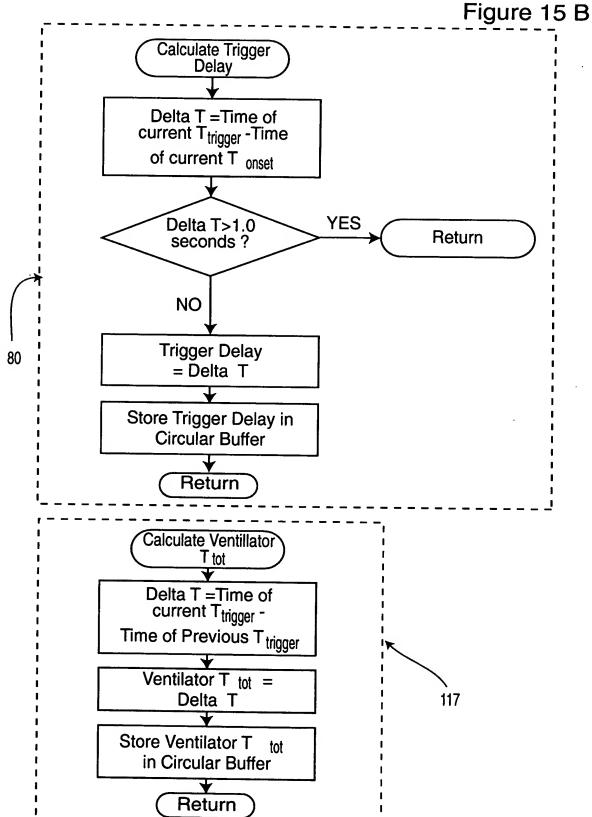
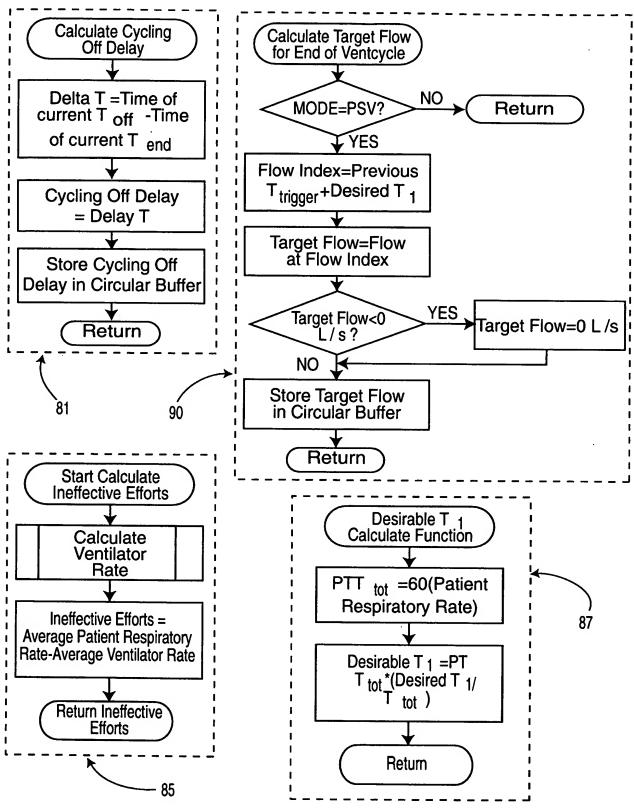




Figure 16 A





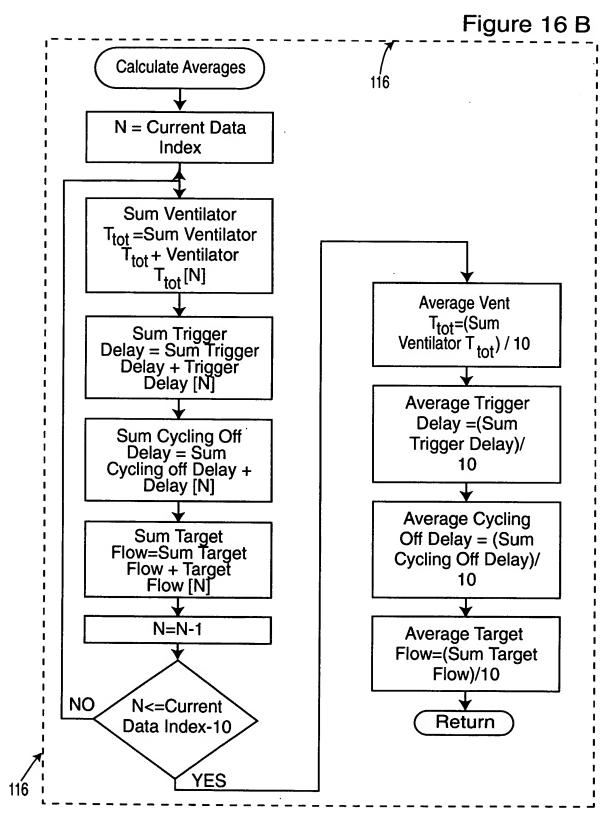




Figure 17 A

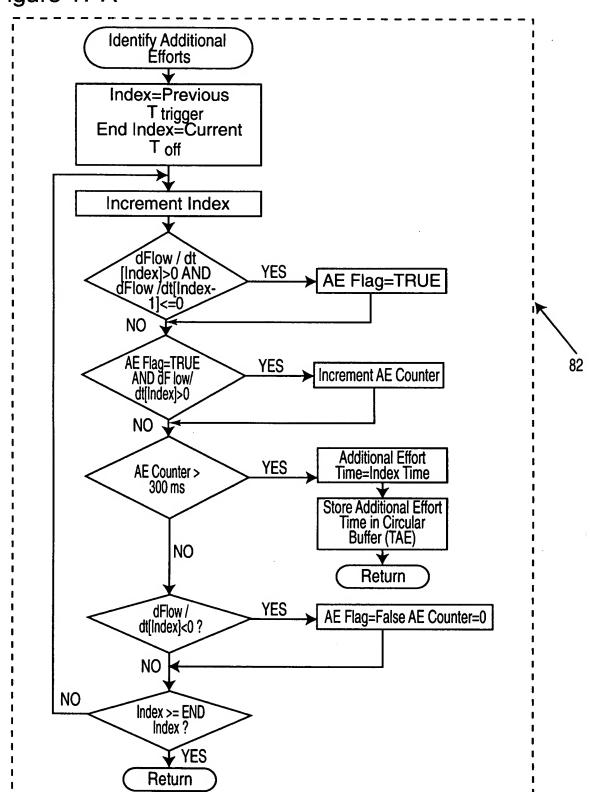




Figure 17 B

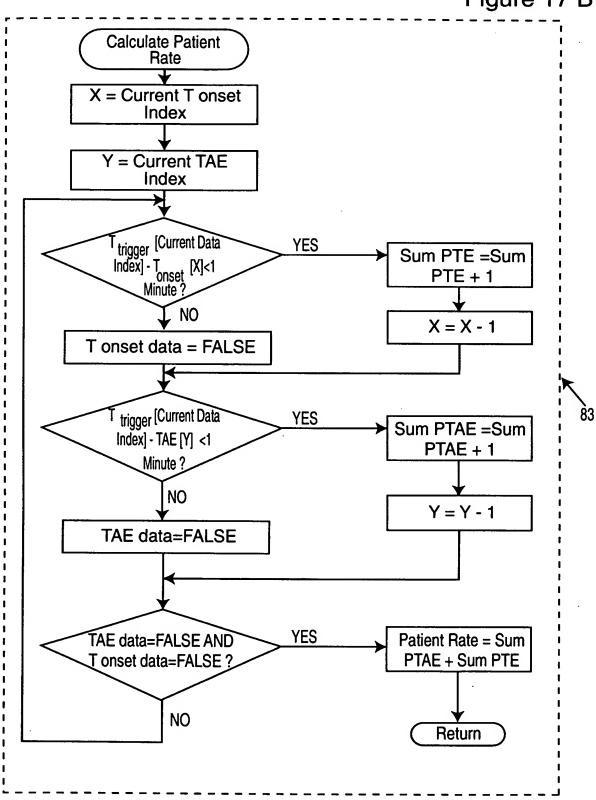




Figure 18 A

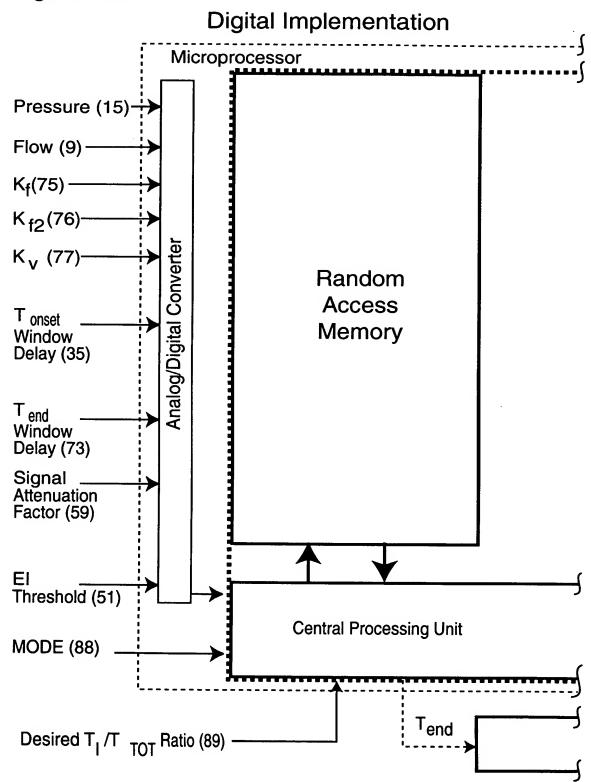




Figure 18 B

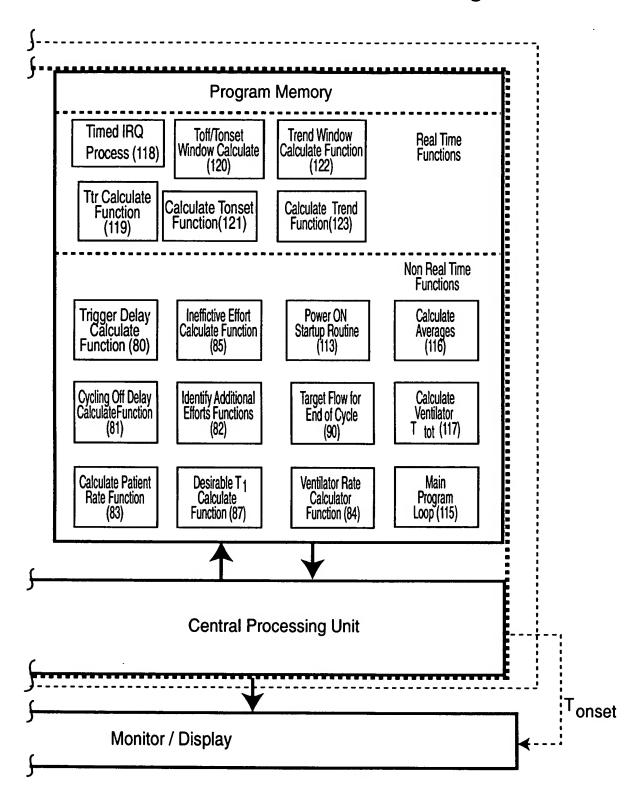




Figure 19 A

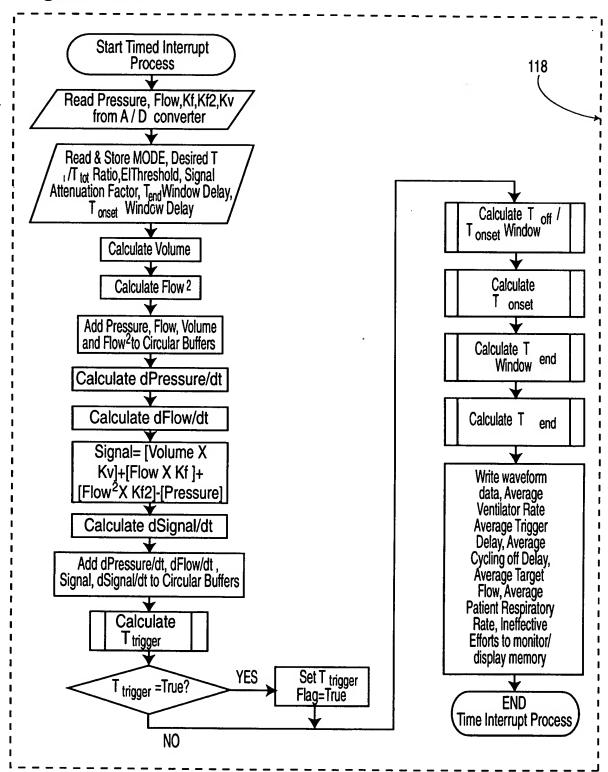




Figure 19 B

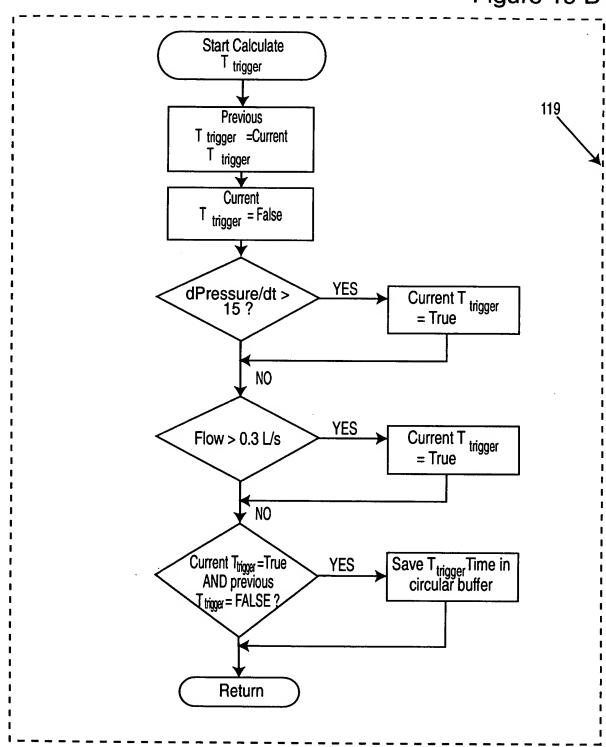




Figure 20 A

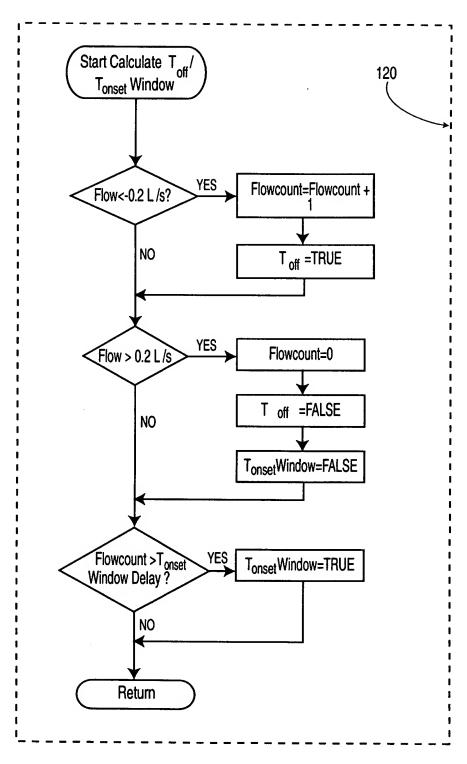




Figure 20 B

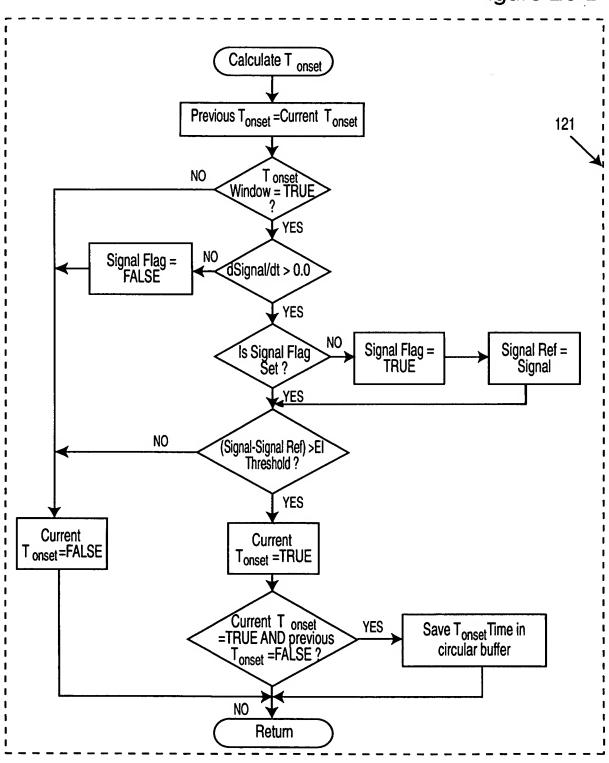




Figure 21 A

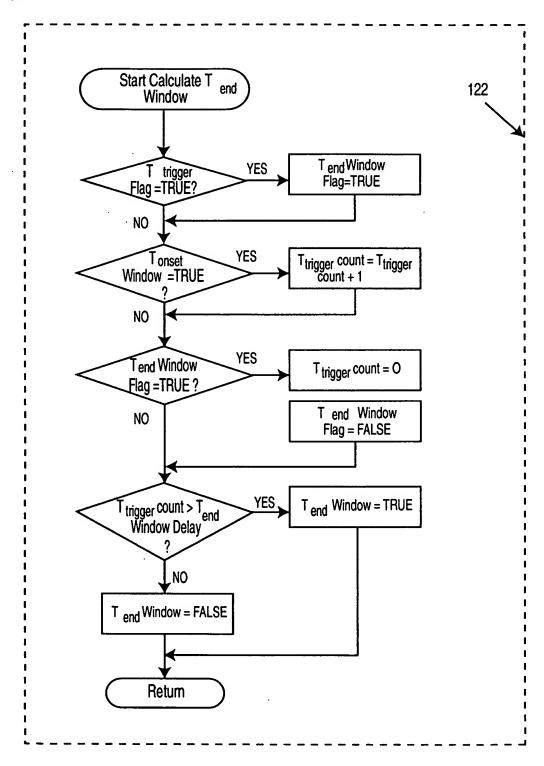




Figure 21 B

